

DERWENT-ACC-NO: 1977-11167Y

DERWENT-WEEK: 197707

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TITLE: Non woven fabric wwith fibres aligned in weft  
direction  
- is stretched in warp direction and needled  
before  
stretching in both directions

PATENT-ASSIGNEE: PHILLIPS PETROLEUM CO[PHIP]

PRIORITY-DATA: 1975US-0610899 (September 5, 1975) , 1977US-0804021  
(June 6,  
1977)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
BE 845851 A	December 30, 1976	N/A
000 N/A		
AT 7606579 A	June 15, 1978	N/A
000 N/A		
CA 1079942 A	June 24, 1980	N/A
000 N/A		
DD 126352 A	July 13, 1977	N/A
000 N/A		
DE 2639466 A	March 10, 1977	N/A
000 N/A		
DE 2639466 B	October 18, 1979	N/A
000 N/A		
FR 2322952 A	May 6, 1977	N/A
000 N/A		
GB <b><u>1535988</u></b> A	December 13, 1978	N/A
000 N/A		
IT 1064959 B	February 25, 1985	N/A
000 N/A		
JP 52042977 A	April 4, 1977	N/A
000 N/A		
JP 85051586 B	November 14, 1985	N/A
000 N/A		
NL 161824 B	October 15, 1979	N/A
000 N/A		
NL 7609842 A	March 8, 1977	N/A
000 N/A		
SU 627767 A	September 7, 1978	N/A
000 N/A		

US 4042655 A	August 16, 1977	N/A
000 N/A		
US 4105381 A	August 8, 1978	N/A
000 N/A		
US 4151023 A	April 24, 1979	N/A
000 N/A		

4151023 A

INT-CL (IPC): B29D027/00, B32B027/02 , D01G021/00 , D04H001/46 ,  
D04H018/00 , D06C029/00

ABSTRACTED-PUB-NO: BE 845851A

BASIC-ABSTRACT:

Subsequently the mat is stretched in a second drawing zone in the warp direction and then in a third drawing zone in the weft direction. Pref. the mat is formed from several fibre layers and is fused on one face, pref. whilst it is being stretched in the weft direction.

The method is used particularly with synthetic fibres (e.g. polypropylene). The fabric may be used for backing carpets or finishing furniture. The dimensional stability of the fabric is improved.

TITLE-TERMS: NON WOVEN FABRIC FIBRE ALIGN WEFT DIRECTION STRETCH WARP DIRECTION  
NEEDLE STRETCH DIRECTION

DERWENT-CLASS: A94 F04 P73

CPI-CODES: A11-C05A; A12-S05G; F02-C02D; F04-D;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Multipunch Codes: 010 028 03- 041 046 050 141 143 144 155 163 166 170  
171 192  
193 32& 357 371 447 454 481 483 541 542 551 567 573 614 636 664 665  
688